

For Research Use Only

# SOD1 Monoclonal Matched Antibody Pair, PBS Only



Catalog Number:MP50052-1

## Capture Antibody Information

Catalog Number:  
67480-2-PBS

Host:  
Mouse

Isotype:  
IgG1

Purification Method:  
Protein G purification

Clone ID:  
5H6G2

Reactivity:  
Human

Immunogen Catalog Number:  
Ag28553

Conjugate:  
Unconjugated

Full name:  
superoxide dismutase 1, soluble

Gene ID:  
6647

Affinity:  
 $K_D = 5.45 \times 10^{-9}M$   
 $K_{Off} = 2.92 \times 10^{-4}M$   
 $K_{On} = 5.36 \times 10^4M$

## Detection Antibody Information

Catalog Number:  
67480-3-PBS

Host:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Clone ID:  
5B1G3

Reactivity:  
Human

GenBank:  
BC001034

Immunogen Catalog Number:  
Ag28553

Conjugate:  
Unconjugated

Full name:  
superoxide dismutase 1, soluble

Gene ID:  
6647

Affinity:  
 $K_D = 1.81 \times 10^{-10}M$   
 $K_{Off} = 3.56 \times 10^{-6}M$   
 $K_{On} = 1.97 \times 10^4M$

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP50052-1 targets SOD1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: SOD1 Monoclonal antibody, PBS Only (Capture) 67480-2-PBS (5H6G2). 100 µg. Concentration 1 mg/mL.

Detection antibody: SOD1 Monoclonal antibody, PBS Only (Detector) 67480-3-PBS (5B1G3). 100 µg. Concentration 1 mg/mL.

Alternative SOD1 matched antibody pairs: MP50052-2

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

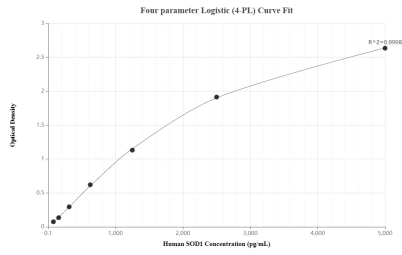
## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Sandwich ELISA standard curve of MP50052-1, SOD1 Monoclonal Matched Antibody Pair - PBS only. 67480-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28553. 67480-3-PBS was biotinylated as the detection antibody. Range: 78.1-5000 pg/mL